



PATENT

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Case Docket No. NIH214.001C1

Date: June 22, 2004

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In re application of : Whitehead et al.  
App. No. : 10/719,547  
Filed : November 21, 2003  
For : DEVELOPMENT OF  
MUTATIONS USEFUL FOR  
ATTENUATING DENGUE  
VIRUSES AND CHIMERIC  
DENGUE VIRUSES  
Examiner : Unknown  
Art Unit : 1648

I hereby certify that this correspondence and all marked attachments  
are being deposited with the United States Postal Service as first  
class mail in an envelope addressed to: Commissioner for Patents,  
P.O. Box 1450, Alexandria, VA 22313-1450, on

June 22, 2004

(Date)


Nancy W. Vensko, Reg. No. 36,298

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

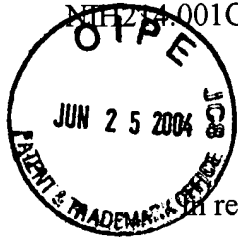
Enclosed for filing in the above-identified application are:

- (X) Power of Attorney by Assignee Under 37 C.F.R. § 3.73(b) and Exclusion of Inventor Under 37 C.F.R. § 3.71.
- (X) Associate Power of Attorney.
- (X) Change of Correspondence Address.
- (X) Return prepaid postcard.
- (X) Please charge any additional fees, or credit overpayment to Deposit Account No. 11-1410.
- (X) Please use Customer No. 20,995 for the correspondence address.

  
Nancy W. Vensko  
Registration No. 36,298  
Attorney of Record  
Customer No. 20,995

NEH234-001C1

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Whitehead et al.

App. No. : 10/719,547  
Filed : November 21, 2003  
Title : DEVELOPMENT OF MUTATIONS  
USEFUL FOR ATTENUATING  
DENGUE VIRUSES AND CHIMERIC  
DENGUE VIRUSES  
Art Unit : 1648  
Examiner : Unknown

**POWER OF ATTORNEY BY ASSIGNEE UNDER 37 C.F.R. § 3.73(b)**  
**AND**  
**EXCLUSION OF INVENTOR UNDER 37 C.F.R. § 3.71**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir or Madam:

The United States Department of Health and Human Services is assignee of the entire right, title and interest in and to the above-identified application, as shown by the assignment recorded on May 14, 2004, at Reel 014633, Frame 0961, in the patent assignment records of the U.S. Patent and Trademark Office. This recorded Assignment has been reviewed by the undersigned, who certifies that, to the best of his or her knowledge and belief, title is in the assignee.

Said assignee hereby revokes any previous Powers of Attorney in the subject application and appoints the registrants of National Institutes of Health Offices of Technology Transfer, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852, telephone (301) 496-7056, **Customer No. 005318** as its attorneys to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith.

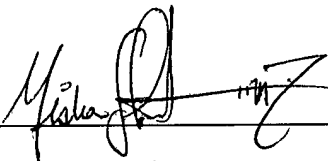
Said appointment is to the exclusion of the inventor(s) and their attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Serial No. : 10/719,547  
Filed : November 21, 2003

The National Institutes of Health Office of Technology Transfer has been duly delegated responsibility for such patent matters under the authority of the Department of Health and Human Services Secretary Louis W. Sullivan's May 21, 1991 memorandum appearing in the Friday, June 7, 1991 Federal Register Notices at Vol. 56, No. 110, pp. 26418-26419. The undersigned is authorized to exercise such authority in this matter.

Done on this 16 day of June, 2004, at Rockville, Maryland.

UNITED STATES DEPARTMENT OF HEALTH  
AND HUMAN SERVICES

By: 

Printed Name: MICHAEL SAMILOVICH

Registration No.: 45,634

for:  
Office of Technology Transfer  
National Institutes of Health  
6011 Executive Boulevard, Suite 325  
Rockville, MD 20852  
Telephone (301) 496-7056  
Facsimile (301) 402-0220

**DHHS CASE NO. E-120-2001/0-US-04**

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Whitehead et al.

App. No. : 10/719,547

Filed : November 21, 2003

Title : DEVELOPMENT OF MUTATIONS  
USEFUL FOR ATTENUATING  
DENGUE VIRUSES AND  
CHIMERIC DENGUE VIRUSES

Art Unit : 1648

Examiner : Unknown

ASSOCIATE POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir or Madam:

The undersigned attorney of record, pursuant to the provisions of 37 C.F.R. §§ 1.33 and 1.34, and M.P.E.P. § 402.02, hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, California 92614, telephone (949) 760-0404, **Customer No. 20,995**, as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected herewith.

Done on this 16 day of June, 2004, at Rockville, Maryland.

UNITED STATES DEPARTMENT OF HEALTH  
AND HUMAN SERVICES

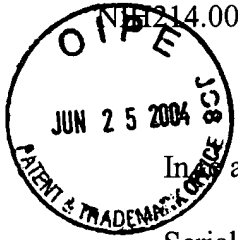
By:  6/16/04Printed Name: MICHAEL Shm.lovichRegistration No.: 45,634

for:  
Office of Technology Transfer

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**CHANGE OF CORRESPONDENCE ADDRESS**

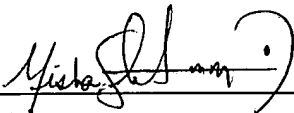
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir or Madam:

Please address all future correspondence in this case to:

Nancy W. Vensko  
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UNITED STATES DEPARTMENT OF  
HEALTH AND HUMAN SERVICES

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Printed Name: MICHAEL SHMILOVICH

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**DHHS CASE NO. E-120-2001/0-US-04**

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